

## EAST Search History

| Ref # | Hits   | Search Query   | DBs                           | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|-------------------------------|------------------|---------|------------------|
| S1    | 26948  | "454"/\$.ccls.   | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 11:16 |
| S2    | 2385   | S1 and valve   | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 11:16 |
| S3    | 2637   | S1 and door  | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 11:17 |
| S4    | 4318   | S2 or S3   | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 11:17 |
| S5    | 1896   | "5" and 454/75,121,123,125,126,127,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153,154,155,156,157,158,159,160,161,162,163,164,165.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 11:18 |
| S6    | 1109   | S4 and 454/75,121,123,125,126,127,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153,154,155,156,157,158,159,160,161,162,163,164,165.ccls.  | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 11:18 |
| S7    | 819    | S6 and @pd<"20031105"  | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 11:19 |
| S8    | 593850 | (valve or door).ti.  | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 12:41 |
| S9    | 5855   | S8 and (vent or ventilation).ti.   | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 12:42 |
| S10   | 4595   | S9 and @pd<"20031105"  | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 12:42 |
| S11   | 733    | S10 and vehicle  | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 12:43 |
| S12   | 852080 | S10 (vehicle or HVAC).ti.  | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 12:44 |
| S13   | 453    | S10 and (vehicle or HVAC).ti.  | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 12:44 |
| S14   | 3332   | mixing same door   | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 13:09 |
| S15   | 1628   | S14 same air   | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 13:09 |
| S16   | 1040   | S15 and vehicle  | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 13:10 |
| S17   | 573    | S16 and @pd<"20031105"   | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 13:11 |
| S18   | 247    | S17 and (ventilation or vent or HVAC)  | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 13:11 |
| S19   | 4      | "HVAC door".ti.  | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 13:20 |
| S20   | 1      | "HVAC doors".ti.   | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 13:20 |
| S21   | 5      | S19 or S20   | US-PGPUB; USPAT; EPO; DERWENT | OR               | OFF     | 2008/03/26 13:20 |

|     |     |   |                                     |    |     |                     |
|-----|-----|---|-------------------------------------|----|-----|---------------------|
| S22 | 47  | "mixing door".ti.   | US-PPGUB;<br>USPAT; EPO;<br>DERWENT | OR | OFF | 2008/03/26<br>13:21 |
| S23 | 258 | (454/155).COLS.   | US-PPGUB;<br>USPAT; EPO;<br>DERWENT | OR | OFF | 2008/03/26<br>13:32 |
| S24 | 358 | (454/121).COLS.   | US-PPGUB;<br>USPAT; EPO;<br>DERWENT | OR | OFF | 2008/03/26<br>13:38 |
| S25 | 146 | (454/139).COLS.   | US-PPGUB;<br>USPAT; EPO;<br>DERWENT | OR | OFF | 2008/03/26<br>13:52 |
| S26 | 88  | (454/126).COLS.   | US-PPGUB;<br>USPAT; EPO;<br>DERWENT | OR | OFF | 2008/03/26<br>14:01 |
| S27 | 21  | ("3521853"   "4531671"   "477310"   "5326315"   "5653630"   "5701949"   "5885152"   "5901943"   "5964658"   "6045444"   "6092592"   "6293339"   "6296562"   "6308770"   "6382518"   "6398638"   "6508703"   "6926068"   "6932623"   "6932692").PN. OR ("7285041").URPN. | US-PPGUB;<br>USPAT;<br>USOCR        | OR | OFF | 2008/03/26<br>14:02 |

3/27/2008 12:38:12 PM  
 C:\Documents and Settings\SMiller2\My Documents\EAST\Workspaces\10578564.wsp